

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction products

External pedestrian doorsets – Product standard, performance characteristics – Fire resisting and/or smoke control characteristics

for use in fire and/or smoke compartmentation and/or escape routes, with specification and performance as specified on page 2 in this certificate.

Product name: Sapa 2086

placed on the market under the name or trademark of

Hansen Polska Sp. z o.o.

Rudna Mała 47
PL-36-060 Głogów Małopolski, Poland

and produced in the manufacturing plant

Hansen Polska Sp. z o.o., Rudna Mała 47, 36-060 Głogów Małopolski, Poland

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard

EN 16034:2014

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on 2020-12-18 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Issued by notified body 0402

The validity of this certificate can be verified on our website.



Signed by: Martin Tillander
Reason: I am the author of this document
Date & Time: 2020-12-18 07:47:29 +01:00

Martin Tillander
Director Product Certification

Certificate 0402-CPR-C500119 | issue 1 | 2020-12-18

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Specification

Sapa 2086 EI₂30

Hinged aluminium framed, single leaf and double leaf doorsets, with or without side and transom panels. With glass and/or infill panels. For detailed information about the doorsets and condition for classification, see classification report no. PX28969-2rev3 (fire resistance) and no. PX28969-6rev2 (smoke control). The doorsets are covered by EN 14351-1.

Sapa 2086 EI₂60

Hinged aluminium framed, single leaf and double leaf doorsets, with or without side and transom panels. With glass and/or infill panels. For detailed information about the doorsets and condition for classification, see classification report no. 9P06372-2 (fire resistance). The doorsets are covered by EN 14351-1.

Performance

Sapa 2086 EI₂30

Essential characteristic	Performance
Resistance to fire (for fire compartment uses): E: EI ₂ : EW:	30 30 30
Smoke control (only for applications where limitation of smoke spread is required)	S _a , S ₂₀₀
Self-closing (only for self-closing fire resistant and/or smoke control door sets)	C (door with door closer)
Durability of self-closing (only for self-closing fire resistant and/or smoke control door sets): - Against degradation (cycle testing):	5 (door in accordance to report 3P02656B)

Sapa 2086 EI₂60

Essential characteristic	Performance
Resistance to fire (for fire compartment uses): E: EI ₂ : EW:	60 60 60
Self-closing (only for self-closing fire resistant and/or smoke control door sets)	C (door with door closer)



Jednostka Notyfikowana Nr 2310
„CERTBUD” Sp. z o.o.
ul. Mokotowska 46 lok. 8, 00-543 Warszawa



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Certificate of constancy of performance 2310-CPR-W2789

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product:

External fire and/or smoke control doors of the ALUPROF® MB-78 EI system

fire-resistance class in accordance with EN 13501-2:2016

Za Intended use: fire compartmentation as external doors

A list of products covered by this Certificate is provided in the following classification reports:

- 1479/C/2021/K-1/2 issue 2, with leading fire resistance class EI₂30 and additional characteristics,
 - 1479/C/2021/K-2/2 issue 2, with leading fire resistance class EI₂60 and additional characteristics,
 - 1479/C/2021/K-3/1 issue 1, with leading fire resistance class EI₂90 and additional characteristics,
- which form an integral part of this Certificate.

placed on the market under the name or trade mark of:

Hansen Polska Sp. z o.o.
ul. Lotniskowa 17, 36-060 Głogów Małopolski

and produced in the manufacturing plant:

Hansen Polska Sp. z o.o.
ul. Lotniskowa 17, 36-060 Głogów Małopolski
ul. Lotniskowa 1, 36-060 Głogów Małopolski

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN 16034:2014

(EN 16034: 2014 must be used by the manufacturer together with EN 14351-1: 2006 + A2: 2016)

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product

This certificate was first issued on **03.06.2022** and will remain valid as long as neither the harmonized standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

This certificate replaces the certificate issued on 03.06.2022.



CEO
„CERTBUD” Sp. z o.o.

Barbara Jaspinska
Barbara JASPINSKA

Warsaw, 08 December 2022

Certificate of constancy of performance 2310-CPR-W2789

1. External doors of the MB-78EI system with fire resistance class EI₂₃₀ according to the classification 1479/C/2021/K-1/2 ed. 2 pt. 4.1.1.1

Performance characteristics	Requirements under EN 16034:2014	Level / Class
Resistance to fire	4.1	EI ₂₃₀ /EW30/E30
Smoke control	4.2	NPD ¹⁾
Ability to release	4.3	NPD ¹⁾
Self-closing	4.4	C
Durability of ability to release	4.5.1.	NPD ¹⁾
Durability of self-closing against degradation	4.5.2.1	NPD ¹⁾
Durability of self-closing against ageing	4.5.2.2	NPD ¹⁾

¹⁾ no performance determined

2. External doors of the MB-78EI system with fire resistance class EI₂₃₀ and smoke control S_a, S₂₀₀ according to the classification 1479/C/2021/K-1/2 . 2 pt. 4.1.1.2.

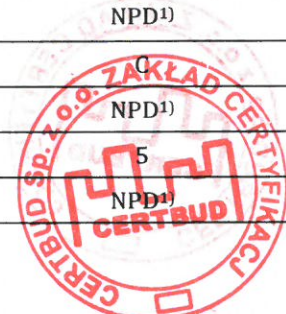
Performance characteristics	Requirements under EN 16034:2014	Level / Class
Resistance to fire	4.1	EI ₂₃₀ /EW30/E30
Smoke control	4.2	S _a , S ₂₀₀
Ability to release	4.3	NPD ¹⁾
Self-closing	4.4	C
Durability of ability to release	4.5.1.	NPD ¹⁾
Durability of self-closing against degradation	4.5.2.1	NPD ¹⁾
Durability of self-closing against ageing	4.5.2.2	NPD ¹⁾

¹⁾ no performance determined

3. External doors of the MB-78EI system with fire resistance class EI₂₃₀ and self-closing durability class C5 according to the classification 1479/C/2021/K-1/2 ed. 2 pt. 4.1.1.3.

Performance characteristics	Requirements under EN 16034:2014	Level / Class
Resistance to fire	4.1	EI ₂₃₀ /EW30/E30
Smoke control	4.2	NPD ¹⁾
Ability to release	4.3	NPD ¹⁾
Self-closing	4.4	C
Durability of ability to release	4.5.1.	NPD ¹⁾
Durability of self-closing against degradation	4.5.2.1	5 NPD ¹⁾
Durability of self-closing against ageing	4.5.2.2	NPD ¹⁾

¹⁾ no performance determined



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4. External doors of the MB-78EI system with fire resistance class EI₂₃₀, smoke control S_a, S₂₀₀ and self-closing durability class C5 according to the classification 1479/C/2021/K-1/2 ed.2 pt. 4.1.1.4

Performance characteristics	Requirements under EN 16034:2014	Level / Class
Resistance to fire	4.1	EI ₂₃₀ /EW30/E30
Smoke control	4.2	S _a , S ₂₀₀
Ability to release	4.3	NPD ¹⁾
Self-closing	4.4	C
Durability of ability to release	4.5.1.	NPD ¹⁾
Durability of self-closing against degradation	4.5.2.1	5
Durability of self-closing against ageing	4.5.2.2	NPD ¹⁾

¹⁾ no performance determined

5. External doors of the MB-78EI system with fire resistance class EI₂₆₀ according to the classification 1479/C/2021/K-2/2 ed. 2 pt. 4.1.1.1

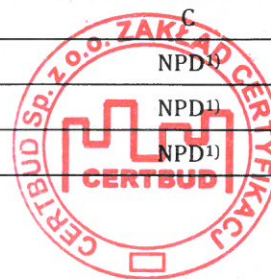
Performance characteristics	Requirements under EN 16034:2014	Level / Class
Resistance to fire	4.1	EI ₂₆₀ /EW60/E60
Smoke control	4.2	NPD ¹⁾
Ability to release	4.3	NPD ¹⁾
Self-closing	4.4	C
Durability of ability to release	4.5.1.	NPD ¹⁾
Durability of self-closing against degradation	4.5.2.1	NPD ¹⁾
Durability of self-closing against ageing	4.5.2.2	NPD ¹⁾

¹⁾ no performance determined

6. External doors of the MB-78EI system with fire resistance class EI₂₆₀ and smoke control S_a, S₂₀₀ according to the classification 1479/C/2021/K-2/2 ed. 2 pt. 4.1.1.2.

Performance characteristics	Requirements under EN 16034:2014	Level / Class
Resistance to fire	4.1	EI ₂₆₀ /EW60/E60
Smoke control	4.2	S _a , S ₂₀₀
Ability to release	4.3	NPD ¹⁾
Self-closing	4.4	C
Durability of ability to release	4.5.1.	NPD ¹⁾
Durability of self-closing against degradation	4.5.2.1	NPD ¹⁾
Durability of self-closing against ageing	4.5.2.2	NPD ¹⁾

¹⁾ no performance determined



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7. External doors of the MB-78EI system with fire resistance class EI₂₆₀ and self-closing durability class C5 according to the classification 1479/C/2021/K-2/2 ed. 2 pt. 4.1.1.3.

Performance characteristics	Requirements under EN 16034:2014	Level / Class
Resistance to fire	4.1	EI ₂₆₀ /EW ₆₀ /E ₆₀
Smoke control	4.2	NPD ¹⁾
Ability to release	4.3	NPD ¹⁾
Self-closing	4.4	C
Durability of ability to release	4.5.1.	NPD ¹⁾
Durability of self-closing against degradation	4.5.2.1	5
Durability of self-closing against ageing	4.5.2.2	NPD ¹⁾

¹⁾ no performance determined

8. External doors of the MB-78EI system with fire resistance class EI₂₆₀, smoke control S_a, S₂₀₀ and self-closing durability class C5 according to the classification 1479/C/2021/K-2/2 ed. 2 pkt. 4.1.1.4.

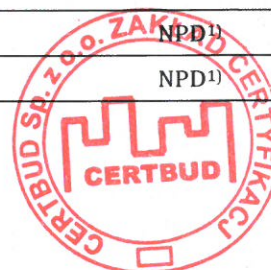
Performance characteristics	Requirements under EN 16034:2014	Level / Class
Resistance to fire	4.1	EI ₂₆₀ /EW ₆₀ /E ₆₀
Smoke control	4.2	S _a , S ₂₀₀
Ability to release	4.3	NPD ¹⁾
Self-closing	4.4	C
Durability of ability to release	4.5.1.	NPD ¹⁾
Durability of self-closing against degradation	4.5.2.1	5
Durability of self-closing against ageing	4.5.2.2	NPD ¹⁾

¹⁾ no performance determined

9. External doors of the MB-78EI system with fire resistance class EI₂₉₀ according to the classification 1479/C/2021/K-3/1 ed. 1 pt. 4.1.1.1.

Performance characteristics	Requirements under EN 16034:2014	Level / Class
Resistance to fire	4.1	EI ₂₉₀ /EW ₉₀ /E ₉₀
Smoke control	4.2	NPD ¹⁾
Ability to release	4.3	NPD ¹⁾
Self-closing	4.4	C
Durability of ability to release	4.5.1.	NPD ¹⁾
Durability of self-closing against degradation	4.5.2.1	NPD ¹⁾
Durability of self-closing against ageing	4.5.2.2	NPD ¹⁾

¹⁾ no performance determined





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10. External doors of the MB-78EI system with fire resistance class EI₂₉₀ and self-closing durability class C5 according to the classification 1479/C/2021/K-3/1 ed. 1 pt. 4.1.1.2

Performance characteristics	Requirements under EN 16034:2014	Level / Class
Resistance to fire	4.1	EI ₂₉₀ /EW ₉₀ /E ₉₀
Smoke control	4.2	NPD ¹⁾
Ability to release	4.3	NPD ¹⁾
Self-closing	4.4	C
Durability of ability to release	4.5.1.	NPD ¹⁾
Durability of self-closing against degradation	4.5.2.1	5
Durability of self-closing against ageing	4.5.2.2	NPD ¹⁾

¹⁾ no performance determined



CEO
„CERTBUD” Sp. z o.o.
Barbara Jaspińska
Barbara JASPIŃSKA

Warsaw, 08 December 2022

